

## DECLASS REVIEW by NIMA/DOD

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19 OCTOBER 1959

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SUBMITTED HERewith IS MONTHLY PROGRESS REPORT No. 8 IN COMPLIANCE WITH THE REQUIREMENTS OF SCHEDULE A, ARTICLE 2, ITEM 5, CONTRACT No. [REDACTED] THIS REPORT COVERS THE PERIOD FROM 9 SEPTEMBER 1959 TO 8 OCTOBER 1959 ON THE DESIGN AND FABRICATION OF THREE (3) NADIR DETERMINING DEVICES.

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REFERRING TO THE HEAT DISSIPATION AND POWER REQUIREMENT FOR THE NADIR DETERMINING DEVICE, WHICH WE REPORTED IN PROGRESS REPORT No. 7, IT IS IMPORTANT THAT THE ROOM IN WHICH THE DEVICE IS TO BE OPERATED BE AIR CONDITIONED. ALSO, A SPECIAL HIGH CURRENT WALL SOCKET MUST BE INSTALLED. THIS RECEPTACLE IS MANUFACTURED BY [REDACTED] (#7381, 50 AMPS, FLUSH, GROUNDED).

[REDACTED] ON 15 SEPTEMBER 1959 TO DISCUSS THE QUESTION OF COMPATIBILITY OF THE NADIR DETERMINING DEVICE WITH THE COMPLETE SYSTEM. A FEW MINOR POINTS WERE CLARIFIED. THERE IS NO REMAINING PROBLEM AREA.

A CURRENT PROGRESS CHART IS ATTACHED (ENCLOSURE 1). SOME SLIPPAGE ON INDIVIDUAL COMPONENTS IS REFLECTED. DELAYED DELIVERY OF A FEW OF THE MANUFACTURED PARTS, WHICH WERE NOT ANTICIPATED TO REQUIRE A LENGTHY DELIVERY TIME, WILL DELAY THE BEGINNING OF THE FINAL ASSEMBLY PHASE. [REDACTED], MANUFACTURERS OF THE LINE STATINTL REGULATOR, STATES THAT THE STEEL STRIKE IS THE CAUSE OF THEIR VERY LATE DELIVERY. THIS PROBABLY ATTRIBUTES TO THE UNDUE AMOUNT OF FABRICATION TIME REQUIRED FOR SO MANY OF OUR SHEET METAL PARTS. EXCEPT FOR THE DESIGN OF ONE SMALL ELECTRONIC PACKAGE, ENGINEERING AND DRAFTING WORK IS COMPLETE. FABRICATION OF ALL PARTS IS BEING EXPEDITED AND FOLLOWED VERY CLOSELY TO ASSURE SMOOTH TIMING DURING THE ASSEMBLY AND CHECK-OUT PHASE OF THE NADIR DETERMINING DEVICE. THESE DELAYS WILL REDUCE THE TIME AVAILABLE FOR THE FINAL ASSEMBLY AND CHECK-OUT PHASE TO A PERIOD CLOSER TO 30 DAYS THAN TO THE ORIGINALLY PROGRAMMED 60 DAYS. WHILE THIS MAY RESULT IN A DELAY OF THE FINAL DELIVERY DATE OF THE FIRST UNIT BEYOND THE PROGRAMMED DATE OF 30 NOVEMBER, NO FIRM FORECAST OF THIS DELAY CAN BE MADE AT THIS TIME. A CLEAR READING WILL BE PROVIDED IN THE NEXT PROGRESS REPORT.

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IT IS ANTICIPATED THAT DURING THE NEXT REPORTING PERIOD THE GREATER PORTION OF THE SUB-MECHANISMS WILL BE ASSEMBLED, CHECKED OUT, AND MOUNTED INTO THE MAIN CABINET FOR FINAL WIRING AND SYSTEMS CHECKING. THE MAIN CABINET IS DUE AT [REDACTED] ON 20 OCTOBER, WHEN FINAL ASSEMBLY WILL BEGIN. ALTHOUGH PARTS ARE BEING MANUFACTURED FOR ALL THREE UNITS, OUR PRIMARY OBJECTIVE IS TO DELIVER THE FIRST UNIT AS QUICKLY AS POSSIBLE. CONSEQUENTLY, CONCENTRATION OF EFFORT IS BEING MADE TO THIS END.

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[REDACTED] AGAIN APOLOGIZES FOR NOT BEING AWARE OF THE RECENT VISIT OF MESSRS. [REDACTED] I GIVE YOU MY PERSONAL ASSURANCE THAT ADEQUATE STEPS HAVE BEEN TAKEN TO PRECLUDE A RECCURANCE OF THIS MISTAKE AND THAT IT WILL NOT BE REPEATED.

SINCERELY YOURS,

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[REDACTED]

ENGINEERING

JCP:JP

ENCLOSURE I PROGRESS CHART

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